

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	To Be Assigned
Filing Date	Concurrent Herewith
First Named Inventor	HAAS, Thomas et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned

Attorney Docket Number

032301.320

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 2,870,171	01-20-1959	GABLE	5 pages
		US- 4,410,501	10-18-1983	TARAMASSO ET AL.	8 pages
		US- 4,833,260	05-23-1989	NERI ET AL.	7 pages
		US- 4,999,179	03-12-1991	SUGIHARA ET AL.	6 pages
		US- 5,523,428	06-04-1996	JUBIN, JR. ET AL.	8 pages
		US- 5,591,875	01-07-1997	CHANG ET AL.	6 pages
		US- 5,599,955	02-04-1997	VORA ET AL.	11 pages
		US- 5,620,935	04-15-1997	THIELE	4 pages
		US- 5,675,026	10-07-1997	THIELE	7 pages
		US- 5,760,253	06-02-1998	DANNER ET AL.	9 pages
		US- 5,849,937	12-15-1998	JUBIN, JR. ET AL.	9 pages
		US- 5,849,938	12-15-1998	REUTER ET AL.	6 pages
		US- 5,912,367	06-15-1999	CHANG	6 pages
		US- 6,042,807	03-28-2000	FARAJ	6 pages
		US- 6,063,941	05-16-2000	GILBEAU	4 pages
		US- 6,372,924	04-16-2002	THIELE	6 pages
Ao		US- 6,429,322	08-06-2002	CATINAT ET AL.	3 pages

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
Ao		DE 100 26 363	11-29-2001	MERCK PATENT GMBH	9 pages	✓
		DE 196 23 611	12-18-1997	BASF AG	7 pages	✓
		DE 197 23 950	12-10-1998	BASF AG	15 pages	✓
		DE 197 54 185	02-04-1999	DEG ENGINEERING GMBH	7 pages	✓
		DE 198 35 907	02-17-2000	BASF AG	11 pages	✓
		DE 199 36 547	02-15-2001	BASF AG	11 pages	✓
		EP 0 100 118	02-08-1984	ANIC SPA	15 pages	
		EP 0 100 119	02-08-1984	ANIC SPA	21 pages	
		EP 0 133 510	02-27-1985	BASF AG	8 pages	✓
		EP 0 230 349	07-29-1987	INTERNATIONAL BUSINESS MACHINES CORP	58 pages	
		EP 0 230 949	08-05-1987	ENIRICERCHE SPA	18 pages	
		EP 0 425 893	05-08-1991	BASF AG	7 pages	✓
		EP 0 568 336	11-03-1993	ARCO CHEMICAL TECHNOLOGY INC	13 pages	
Ao		EP 0 568 337	11-03-1993	ARCO CHEMICAL TECHNOLOGY LP	15 pages	

Examiner Signature

[Signature]

Date Considered

3/23/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	To Be Assigned
				Filing Date	Concurrent Herewith
				First Named Inventor	HAAS, Thomas et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
				Attorney Docket Number	032301.320
Sheet	2	of	4		

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	3/23/05
-----------------------	---	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

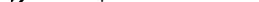
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	To Be Assigned
(use as many sheets as necessary)		Filing Date	Concurrent Herewith
		First Named Inventor	HAAS, Thomas et al.
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet	3	of	4
		Attorney Docket Number	032301.320

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	3/23/05
--------------------	---	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

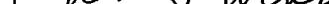
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** **SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	To Be Assigned
				Filing Date	Concurrent Herewith
				First Named Inventor	HAAS, Thomas et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	4	of	4	Attorney Docket Number	032301.320

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	3/23/05
-----------------------	---	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.